

SOV/51-6-2-21/39

The Absorption Spectra of Rubies at Low Temperatures (Down to 1.7°K)

polarized absorption lines were observed at 4761 and 4746 Å  
(Figs a, b and v obtained at 1.7°K). The results obtained agree  
well with Krivoglaz and Pekar's theory (Ref 6). The authors used  
rubies containing various amounts of chromium. They found that an  
increase of the amount of Cr the positions of the absorption bands  
remained the same but the number of observed bands decreased.  
Acknowledgments are made to A.I. Shal'nikov for his advice. There  
are 4 figures and 8 references, 6 of which are Soviet, 1 German and  
1 Indian.

SUBMITTED: June 14, 1953

Card 2/2

L 28514-66 EWT(1)

ACC NR: AR6000074

SOURCE CODE: UR/0275/65/000/009/B020/B020

AUTHOR: Efendiyev, A. Z.; Zhokhov, V. Z.; Mamedov, M. G.; Dzhamalova, A. S.

TITLE: Investigation of pulse breakdown in semiconductor rectifiers

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 9B153

REF SOURCE: Sb. Proboy dielektrikov i poluprovodnikov. M.-L., Energiya, 1964,  
315-318TOPIC TAGS: selenium rectifier, semiconductor rectifier, dielectric breakdown,  
germanium semiconductor

ABSTRACT: The results of experimental investigations of pulse breakdowns of cuprous oxide, selenium, and point-contact germanium rectifiers are discussed in detail. It is shown that the time required for breakdown of cuprous oxide rectifiers is 0.4 to 12  $\mu$ sec at a field strength of  $(1.46 \text{ to } 2.56) \cdot 10^6$  v/cm; for the selenium rectifiers, 4 to 42  $\mu$ sec at  $(6 \text{ to } 11.5) \cdot 10^5$  v/cm; and for germanium rectifiers,  $\sim 1$   $\mu$ sec. The resistance is the rectifier slows down the breakdown process. After the breakdown, all the volt-ampere characteristics have drop regions. The relationship between the time required for development of breakdown and the field strength is similar to that between the time required for development of gas avalanches and the field strength. The time required for rectifier breakdown is of the same order as

38  
B

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L 00772-55

ACCESSION NR: AP5012580

preciable (1.5--1.6 ev), although part of the difference can be explained. "We thank I. A. Bayramashvili and G. V. Tsegareyshvili for supplying the crystals of pure boron." Orig. art. has: 2 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 04Sep64

NR REF Sov: 000

ENCL: 00

SUB CODE: SS, OP

OTHER: 014

Card 2/2

ACC NR: AP6036820

SOURCE CODE: UR/0316/66/000/004/0093/0097

AUTHOR: Rustamov, P. G.; Dzhalilzade, T. A.ORG: Institute of Inorganic and Physical Chemistry, AN AzerbSSR (Institut neorganicheskoy i fizicheskoy khimii AN AzerbSSR)

TITLE: Liquidus curve of the gallium-sulfur-tellurium three-component system

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1966, 93-97

TOPIC TAGS: semiconducting material, gallium compound, binary compound, sulfide, telluride, phase diagram, solid solution

ABSTRACT: Reactions of gallium with sulfur and tellurium have been studied within certain binary cuts of the ternary phase diagram. The study is of importance for the synthesis of gallium chalcogenides which are potential semiconductor materials. A tentative liquidus curve of the Ga-S-Te system was plotted in a triangular model from the experimental data obtained with the Ga-S-Te alloys which were synthesized by ampul technique. Ten crystallization regions of individual phases were determined within the triangular model. The high-temperature component  $\text{Ga}_2\text{S}_3$  occupied the largest crystallization region (57.3%). The crystallization regions of  $\text{Ga}_2\text{S}_3$ ,  $\text{Ga}_4\text{S}_3$ , and  $\text{GaTe}_3$  peritectic compounds were tentatively determined. Analysis of the data indicated the absence of continuous solid solutions over the entire concentra-

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ACC NR: AP6036820

tion range within any one of the binary cuts and the absence of ternary compounds in the system studied. Regions of solid solutions which extended up to 30 mol % of  $\text{Ga}_2\text{Te}_3$  were present in the  $\text{Ga}_2\text{S}_3$ — $\text{Ga}_2\text{Te}_3$  and  $\text{GaS}$ — $\text{Ga}_2\text{Te}_3$  cuts of the triangular phase diagram. Orig. art. has: 2 figures and 2 tables.

11.20  
SUB CODE: 67 SUBM DATE: 16Jan66/ ORIG REF: 006/ OTH REF: 002/ ATD PRESS: 5106

Card 2/2

DZHAMALBEKOV, B. A.

DZHAMALBEKOV, B.A.; EFENDIYEV, M.E., professor, redaktor; VARSHAVSKAYA, A.,  
redaktor; DZHABAROVA, S., tekhnicheskiy redaktor.

[Mardakyany health resort] Kurort Mardakiany. Baku, Azerbaidzhan-  
skoe gos.izd-vo, 1956. 80 p. (MIRA 10:11)  
(MARDAKYANY) (HEALTH RESORTS, WATERING PLACES, ETC.)

DZHAMALETDINOV, N.K.

Characteristics of the distribution of pegmatite zones in the southern part of the Karatyube and Zirabulak-Ziaetdinskiye Mountains. Uzb. geol. zhur. 9 no.1:5-14 '65. (MIRA 18:5)

1. Institut geologii i geofiziki im. Kh.M.Abdullayeva AN UzSSR.

DZHAMALETDINOV, N.K.; SHAVLO, S.G.

Relation of pegmatites of the Lolabulak-Ketmenchinsk zone to the  
various phases of intrusive igneous activity (western Uzbekistan).  
Uzb. geol.zhur. 9 no. 6:47-53 '65 (MIRA 19:1)

1. Institut geologii i geofiziki imeni Abdullayova AN UzSSR.  
Submitted August 10, 1964.

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000411820016-8

DZHANALETDINOVA, M.K.

Laboratory of Organic Microanalysis. Vest.AU Kazakh.SSR 16 no.12:  
81 D '60. (MIRA 14:1)  
(Kazakhstan—Chemical laboratories)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000411820016-8"

DZHAMALETDINOVA, M.K.

Simultaneous microdetermination of carbon, hydrogen, and  
uranium. Zav. lab. 29 no.10:1175-1176 '63. (MIRA 16:12)

1. Institut khimicheskikh nauk AN KazSSR.

100% (b) (6) / EPR(c) / EPR / (b) (6) / (b) (6)

00000000000000000000000000000000

1967, L. K. Gaborajev, V. Y.

ture and composition of styrene and formaldehyde under various conditions

Russia. Izvestiya. Seriya khimicheskikh nauk, 1967, No. 10,

styrene-formaldehyde resin suspensions

When treated with sulfuric acid, styrene-formaldehyde resins from cross-linked monodimensional polyelectrolytes with fixed sulfogroups

are converted into

cross-linked polyacrylic acid

ASSIGN NR: AP4049826

Predominant product is phenyl-1, 3-dioxane; at 40-50% H<sub>2</sub>SO<sub>4</sub> - the products are chiefly styrene-formaldehyde resins with linear acetal chains incorporated in them - (Eng. art. 1 figure, 5 chemical formulas and 1 table.

ASSOCIATION: None

SUBMITTED: 06Mar64

ENCL: 00

SUB CODE: OC, MT

NO REF Sov: 004

OTHER: 001

BAZALYUKAIA, V.S.; DEBAYALETDINOV, M.K.; L'DOKOVA, G.M.

Microdetermination of carbon and hydrogen in compounds of triterpenoid  
structure. Zav. lab. 31 no.8:943-944 '65. (MIRA 18:9)

1. Institut khimicheskikh nauk Kazakhskoy SSR.

DZHAYALIEVA, B. D.

(2)

Pharmacological action of an extract of corn silk. I. B.  
D. Dzhayalieva. Izvest. Akad. Nauk Kazakh. S.S.R.  
No. 127, Ser. Fiziol. i Med. No. 3, 81-93(1954)(in Russian).  
—Aq. exts. of corn silk have the ability to dissolve kidney  
stones with formation of fine particles; this occurs only with  
the carbonate type of stones, oxalates being unaffected. The  
exts. appear to be nontoxic upon massive introduction into  
various expil. animals. G. M. Kosolapoff

DZHAKAIIYEV, B. D.

DZHAKAIIYEV, B. D. -- "Pharmacology of Maize Silk (stomas) Preparations." Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions)(29) Inst of Physiology, Inst of Regional Pathology, Inst of Experimental and Clinical Surgery Acad Sci Kazakh SSR, Alma-Ata, 1955

SG: Knizhnaya Letopis' No 29, 16 July 1955

\* For the Degree of Candidate in Medical Sciences

DZHAMALIYEVA, B.D.

Studying the diuretic effect of corn stigma infusion. Trudy Inst.  
mikrobiol. i virus. AN Kazakh SSR 2:227-237 '58 (MIRA 11:10)  
(CORN(MAIZE))  
(DIURETICS AND DIURESIS)

DZHAMALIYEVA, B.D.

Reaction of the blood pressure and respiration in rabbits and  
dogs to the action of preparations of the stigmata of corn.  
Izv. AN Kazakh. SSR. Ser. med. i fiziol. no.2:75-78 '59 (MIRA 13:3)  
(CORN(MAIZE))--PHYSIOLOGICAL EFFECT) (BLOOD PRESSURE)  
(RESPIRATION)

DZHAMALIYEVA, B.D.

Reaction of a frog heart, isolated according to Shtraub's method  
to an infusion from the stigmata of corn. Report no. 4. Izv. AN  
Kazakh. SSR. Ser. med. i fiziol. no.2:79-84 '59 (MIRA 13:3)  
(CORN(MAIZE))--PHYSIOLOGICAL EFFECT)  
(HEART)

DZHAMILIYEVA, B.D.

Studying the therapeutic properties of actinomycin K in ringworm  
control. Report No.1. Trudy Inst. mikrobiol. i virus. AN Kazakh.  
SSR 3:14-20 '59. (MIRA 13:2)  
(ACTINOMYCIN) (RINGWORM)

DZHAMALIYEVA, B.D.

- Effect of an infusion from the corn stigmata on the permeability  
of the integument on the posterior paws of frogs. Report No. 5.  
Izv. AN Kazakh. SSR. Ser. med. i fiziolog. no. 1:86-89 '60.  
(MIRA 13:10)

(CORN) (SKIN)

DZHAMALIYEVA, B.D.

Fungous controlling action of an antibiotic from actinomyces strain  
1321. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:51-54 '60.  
(MIRA 13:10)

(ACTINOMYCES) (MEDICAL MYCOLOGY)

DZHAMALIYEVA, B.D.

Treatment of epidermophytosis and trichophyton purpureum infection  
with actinomycin K. Izv. AN Kazakh. SSR. Ser. med. i fiziol.  
no. 2:55-58 '60. (MIRA 13:10)  
(ACTINOMYCES) (MEDICAL MYCOLOGY) (SKIN--DISEASES)

DZHAMALIYEVA, B.D.; ALEKSEYEVA, Z.I.

Therapeutic properties of the antibiotic 1321 in dermatomycosis. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7: 128-131 '63 (MIRA 16:12)

MUMINOV, Sh.A.; KARABAYEV, K.K.; DZHAMALOV, D.

New sections of the manifestation of basic and superbasic  
intrusions in eastern Fergana. Uzb. geol. zhur. 9 no.5:74-80  
'65. (MIRA 18:11)

1. Institut geologii i geofiziki im. Kh.M. Abdullayeva AN UzSSR.  
Submitted February 23, 1965.

DZHAMALOV, G. I.

Name: DZHAMALOV, G. I.

Dissertation: Results of a study of the biology of the winter cutworm moth (*Agrotis segetum Schiff*) under the conditions in Azerbaydzhan SSR and improvement in measures of fighting it

Degree: Cand Agr Sci

Affiliation: Min Agriculture USSR, Georgian Order of Labor Red Banner Agricultural Inst

-Defense Date, Place: 1956, Tbilisi, Publishing House of the Acad Sci Georgian SSR

Source: Knizhnaya Letopis', No 45, 1956

DZHAMALOV, G. I., Cand of Bio Sci — (diss) "Results of the Study of the Biology of Agrotis Sege Tum Schiff in Azerbaydzhan SSR and the Determination of the Methods of Controlling Them," Kirovabad, 1957, 17 pp (Azerbaydzhan State University im S. M. Kirov) (KL, 5-60, 125)

DZHAMALOV, G.I.

descripción de la actividad que se realizó en el taller, así como el resultado final.

102. Junc. : Pumipol., No. 22 1968, No. 1

AUTHOR: D. S. M. L. D. S. M. L.  
INST.: Academy of Sciences of the USSR  
TITLE: Classification of the Crustaceans of the Aral Sea. Part II

FIG. 2. - A diagrammatic representation of the mean difference in the time of arrival of the first and second pulses.

**ABSTRACT** The entomopathogenic nematode, *Heterorhabditis*, colonized with a population of caterpillars of the tobacco hornworm, *Manduca sexta*, in the surface layer of the soil, was exposed to a colony of the common thrip, *Frankliniella fusca*, and survival capacity reduced by the presence of the two predators in pairs or groups, as was after overwintering. After exposure to predators, especially on young caterpillars, the caterpillars remain in the surface soil layer and do not attain a size large enough to become available.

[CARBON] 1,1

DZHAMALOV, G.I.

USSR / General and Specialized Zoology. Insects. Insect and  
Mite Pests.

P

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44-20

Author : Dzhamilov, G.

Inst : Not given

Title : The Distribution of the Winter Cutworm at the Stations in  
Azerbaijan, and Control Methods.

Orig Pub : Sots. s. kh. Azerbaijan, 1957, No. 4, 44-4.

Abstract : According to studies made in 1952-1954 the chief habitats of  
the winter and other gnawing cutworm moths in the cotton zone  
of Azerbaijan are winter grains and alfalfa in combination  
with weeds favorable for egg-laying and available as nutrition  
for the moths. During years of mass distribution the cutworm  
moth is found on all soil varieties, usually preferring soils

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USSR / General and Specialized Zoology. Insects. Insect and  
Mite Pests. P

Abs Jour : Ref Zhur .. Biol., No 10, 1953, No 44020

of the lightweight type (sandy loams, chernozems). Dusting  
alfalfa with 25-30 kg/hectare of DDT during its spring growth de-  
creases the larval infestation by 70.4-88.6 percent ... A. F.  
Adrianev.

Card 2/2

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Dzhamalov, G. I.

USSR / General and Special Zoology. Insects, Insects P  
and Arachnids. Biological Method of Controlling  
Insects and Arachnids.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96602.

Author : Lagazidze, G. I.; Dzhamalov, G. I.

Inst : Not given.

Title : Parasites of the Nibbling Cutworm Moth and  
Their Value in Azerbaydzhan SSR.

Orig Pub: V cb.: Ref. nauchno-issled. rabot po khlopko-  
vodstvu. Tashkent, AN UzSSR, 1957, 207-214.

Abstract: Data on the infestation by parasites of the caterpillars and pupae of the winter and certain other nibbling cutworm moths in various Azerbaydzhan regions in 1954-1955. The greatest infestation was noted in third generation caterpillars of the winter cutworm moth (62.5%) in

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L 28514-66

ACC NR: AR6000074

that required for the breakdown of thin dielectric films. This indicates the importance of impact ionization and the development of electron avalanches. The oscillograms registered repeated short-period breakdown of selenium rectifiers, after which the properties of the rectifiers were restored. Refs.: 17. (Translation of abstract) D

SUB CODE: 09/ SUBM DATE: none

Card 2/2 NC

DZHAMALOVA, M. M.

Cand Tech Sci - (diss) "Problem of purifying raw cotton from fine waste." Tashkent, 1961. 15 pp; (Ministry of Higher and Secondary Specialist Education Uzbek SSR, Tashkent Textile Inst); 200 copies; price not given; (KL,7-61 sup, 235)

LEVKOVICH, B.A.; BOLDINSKIY, G.I.; ZEL'TIN, A.I.; DZHAMALOVA, M.M.

Theory of a cotton cleanser for removing minute impurities.  
Izv. AN Uz. SSR. Ser. tekhn. nauk 7 no.5:29-34 '63.

(MIRA 17:2)

1. Institut mekhaniki AN UzSSR.

LEVKOVICH, B.A.; ZEL'TIN, A.I.; BOLDINSKIY, G.I.; DZHAMALOVA, M.M.

Theory of a screen lattice with circular and elliptical cross  
section of the rods. Izv. AN Uz. SSR. Ser. tekhn. nauk 8  
no.1:28-33 '64. (MIRA 17:6)

1. Institut mekhaniki AN Uzbekskoy SSR.

YANOVSKIY, S.M.; DZHAMALOVA, T.F.

Gastric and duodenal rupture; abstract. Khirurgija 3<sup>4</sup> no.12:97 D '58.  
(MIRA 12:1)

1. Iz Temrezskoy gorodskoy bol'nitsy Surkhan-Dar'inskoy oblasti.  
(STOMACH--RUPTURE) (DUODENUM--RUPTURE)

YANOVSKIY, S.M., kand.med.nauk; DZHAMALOVA, T.F.

Subcutaneous avulsion of the pyloric section of the stomach  
with multiplication of the upper horizontal part of the duo-  
denum. Med.zhur.Uzb. no.6:81 Je '58. (MIRA 13:6)

1. Iz Fermezskskoy gorodskoy bol'nitsy.  
(STOMACH--WOUNDS AND INJURIES)

DZHAMALOVA, Z. M.

DZHAMALOVA, Z. M. "Prophylaxis of Ophthalmoblenorrhoea in Newborn Babies by the Use of Penicillin." Cand Med Sci, Tashkent Medical Institute, 19 Feb 54. (Pravda Vostoka, 15 Jan 54)

SO: SUM 168, 22 July 1954

DZHAMALOVA, Zakhida Maksimovna; KOGAN, A.A., red.

[Penicillin treatment of ophthalmoblenorrhea in newborn infants] Profilaktika oftamoblenorrei novorozhdennykh penitsillinom. Pod red. A.A. Kogana. Tashkent, 1956. 65 p.  
(MIRA 12:1)

(EYE--DISEASES AND DEFECTS) (INFANTS (NEWBORN))  
(PENICILLIN)

DZHAMALOVA, Z.M., dotsent

Amount of copper and vitamin C in the blood of parturients with  
a hypotensive syndrome. Med. zhur. Uzb. no.10:37-39 O '60.  
(MIRA 13:12)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent N.T. Rayev-  
skaya Tashkentskogo instituta usovershenstvovaniya vrachey.  
(COPPER IN THE BODY) (ASCORBIC ACID)  
(PREGNANCY) (HYPOTENSION)

DZHAMALOVA, Z.M., dotsent; MUTALKHODZHAYEVA, M.Kh., Ordinator

Results of treating chronic inflammatory processes of the adnexa  
uteri in the Eighth of March Sanatorium (Ukrainian S.S.R.).  
Med. zhur. Uzb. no. 2:6-9 F '61. (MIRA 14:2)

1. Iz sanatoriya dlya bol'nykh s ginekologicheskimi zabolеваниами  
(glavnnyy vrach - Ye.P. Sazonova).  
(GENERATIVE ORGANS, FEMALE—DISEASES)

DZHAMALOVA, Z.M., dotsent; DIDOVICH, B.A.

Potentiated anesthesia in gynecological operations.  
Med. zhur. Uzb. no.1:20-24 Ja '62. (MIRA 15:3)

1. Iz II akushersko-ginekologicheskoy kliniki (zav. - dotsent  
Z.M. Dzhamatova) Tashkentskogo instituta usovremenstvovaniya  
vrachey.

(OBSTETRICS--SURGERY)  
(ANESTHESIA IN OBSTETRICS)

DZHAMALOVA, Z.M., dotsent; KOLESNIKOVA, T.V.

Active method of management of the postoperative period in  
abdominal gynecological operations. Med. zh. Uzbek. 3:9-11'63  
(MIRA 17:2)

1. Iz II akushersko-ginekologicheskoy kafedry Tashkentskogo  
gosudarstvennogo instituta usovershenstvovaniya vrachey.

ASTAKOV, Nikolay Vladimirovich, cand. tekh. nauk, docent;  
DZHUMALITDINOV, Farazan Guseynovich, aspirant

Temperature distribution along the radius of a disc armature  
with printed winding. Izv. vys. cheb. zav.; elektronich. 8  
no.11:1280-1285 '65. (USSR 19:1)

L 41619-66

ACC NR: AP6013419

SOURCE CODE: UR/0144/65/000/011/1280/1285

AUTHOR: Astakhov, N. V. (Candidate of technical sciences, Docent);  
Dzhamalutdinov, R. G. (Aspirant) 34  
B

ORG: Moscow Power-Engineering Institute (Moskovskiy energeticheskiy institut)

TITLE: Temperature distribution along the radius of a printed-winding disk  
armature

SOURCE: IVUZ. Elektromekhanika, no. 11, 1965, 1280-1285

TOPIC TAGS: electric motor , temperature distribution , ELECTRIC ROTATING  
EQUIPMENT PART

ABSTRACT: An equation of temperature distribution is set up on the basis of the  
heat conductance of a body containing internal heat sources. The hottest spots in  
the armature printed winding are determined. An experimental verification of the  
formulas included a d-c motor with a 300-mm disk armature run at 2000 rpm;

UDC: 621.313.045.

ACC NR: AT7005786

SOURCE CODE: UR/0000/65/000/000/0100/0106

AUTHORS: Astakhov, N. V. (Candidate of technical sciences; Docent);  
Dzhamalutdinov, R. G. (Engineer)

ORG: none

TITLE: A study of heat transfer in an end-type direct-current electric motor with a printed coil on a disk armature and with electromagnetic excitation

SOURCE: Moscow. Energeticheskiy institut. Nauchno-tehnicheskaya konferentsiya po itogam nauchno-issledovatel'skikh rabot za 1964-1965 gody; sektsiya elektromekhanicheskaya, podseksiya elektricheskikh mashin. Doklady. Moscow, 1965, 100-106

TOPIC TAGS: convective heat transfer, heat transfer coefficient, electric motor, armature, turbulent heat transfer, Reynolds number, Nusselt number, Prandtl number

ABSTRACT: The heat transfer of a disk armature rotating in a plane annular gap in the presence of a tangential turbulent stream of cooling air is studied. The heat transfer coefficient of the disk armature in a plane annular gap is calculated from

$$Q = \alpha S \Delta \theta,$$

where Q are the heating losses in the disk (W); S the heat transfer surface ( $m^2$ );  $\Delta \theta$  the difference between the temperatures of the heat transfer surface and the cooling medium ( $^{\circ}C$ ); and  $\alpha$  the heat transfer coefficient ( $W/m^2 \cdot ^{\circ}C$ ). The coefficient of heat

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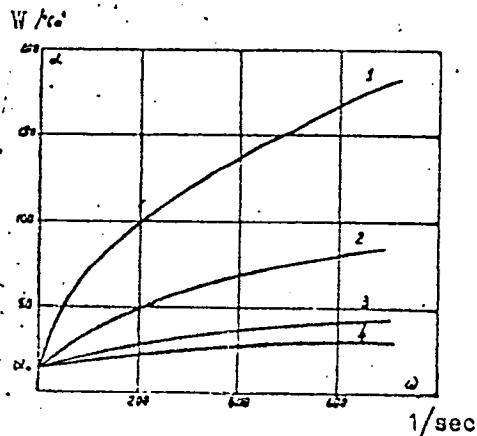
ACC NR: AT7005786

transfer of the armature into the surrounding medium was determined by the calorimetric method. A formula for the heat transfer coefficient as a function of the angular velocity of the armature is obtained as

$$\alpha = 7(1 + 0.3\sqrt{0.5\omega}) \text{ W/m}^2\text{C}$$

(see Fig. 1).

Fig. 1. Heat transfer coefficient versus angular velocity of armature: 1 - heat transfer in gap; 2 - to surrounding medium; 3 - of housing; 4 - of field coil



The formulas are also expressed in dimensionless parameters. Orig. art. has: 13 formulas, 1 graph, and 1 diagram.

Card 2/2 SUB CODE: 09, 20/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 001

DZHAMANBAYEV, A.S.; NAYDICH, I.M.

Some results of rapid heating of Karakichi coal dust. I.AN Kir.SSR.  
Ser.est.i tekhn.nauk 2 no.7:159-167 '60. (MIRA 14:4)  
(Coal. Pulverized) (Furnaces)

CHERTOV, V.M.; DZHAMBAYEVA, D.B. [Dzhambayeva, D.B.]; NEIMARK, I.Ye.  
[Neimark, I.IE.]

Change in the porous structure of xerogel of silicic acid under  
the effect of hydrothermal treatment of hydrogell Dop. AN URSR  
no.5:613-616 '64. (MIRA 17:6)

1. Institut fizicheskoy khimii AN UkrSSR. Predstavлено akademikom  
AN UkrSSR A.I.Brodskim [Brods'kyi, O.I.].

CHERTOV, V.M.; DZHAMBAYEVA, D.B.; PLACHINDA, A.S.; NEYMARK, I.Ye.

Intraglobular and surface silanol groups of silical gels obtained by the hydrothermal method. Dokl. AN SSSR 161 no.5:  
1149-1151 Ap '65. (MIRA 18:5)

1. Institut fizicheskoy khimii im. L.V.Pisarzhevskogo AN UkrSSR.  
Submitted October 27, 1964.

CHERTOV, V.M.; DZHAMBAYEVA, D.B.; NEYMARK, I. Ye.

Kinetics of hydrothermal aging of silicic acid hydrogel. Part 1:  
Kinetics of aging of silica hydrogel in a neutral medium. Ukr.  
khim. zhur. 31 no. 11:1149-1157 '65 (MIRA 19:1)

1. Institut fizicheskoy khimii AN UkrSSR imeni Pisarzhevskogo.

CHERTOV, V.M.; DZHAMBAYEVA, D.B.; NEYMARK, I. Ye.

Kinetics of the hydrothermal aging of silicic acid hydrogel.  
Part 2: Kinetics of aging of silica hydrogel in alkaline and  
acid media. Ukr. khim. zhur. 31 no. 12:1253-1258 '65  
(MIRA 19:1)

1. Institut fizicheskoy khimii AN UkrSSR. Submitted May 30,  
1964.

DZHAMBALISHVILI, Ya.S.

Materials for studying the fauna of coleoptera(Coleoptera) occurring in  
Racha (Georgian S.S.R.). Soob. AN Gruz. SSR 32 no.2:435-441 '63.  
(MIRA 18:1)

1. Submitted May 29, 1962.

DZHAMBASHEVILI, Ya.S.

Scarabaeid fauna (Coleoptera) in Racha-Lechkumi (Georgian S.S.R.).  
Zool. zhur. 42 no.3:457-461 '63. (MIRA 17:1)

1. Zoological Branch of the Georgian State Museum, Tbilisi.

DZHAMANKULOV, M.

Some data on the germination of tree and shrub seeds. Izv.  
AN Kir. SSR. Ser. biol. nauk 5 no.2:23-61 '63. (MIRA 16:9)

VANDYSHEVA, V.I.; DZHAMANKULOV, M.M.

Testing some varieties of soybeans. Jav. Bot. sada AN Kir.  
SSR no.1:51-57 '64. (MIRA 1E16)

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1. Laboratoriya meditsinskoy parazitologii Instituta krayevoy patalogii  
Akademii nauk Kazakhskoy SSR.  
(Hydatids)

DZHAMBANBAYEV, A. S., GREBENNIKOVA, V. S., and NAYDICH, I. M.

"The Influence of the Heating Rate of Coal of the Process  
of its Thermal Decomposition."

Report submitted for the Conference on Heat and Mass Transfer,  
Minsk, BSSR, June 1961.

DZHAMBAROV, U.D., fel'dsher

Aid of a sanitary group to the medic. Fel'd.i akush. 27 no.7:42-  
43 Jl '62. (MIRA 15:9)

1. Sovkhoz "Sotsial'zm" Tashkentskoy oblasti.  
(TASKENT PROVINCE---PUBLIC HEALTH, RURAL)

421/AMBAEV. N. P.

DZHAMBAEV, N. P.

Ispol'zovanie aviatsii v nastupatel'noi operatsii. (Voennaia  
mysl', 1941, no. 3, p. 36-58, chart, tables)  
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Ul. V82 1941

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
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CHERTOV, V.M.; DZHAMBAYEVA, D.B.; NEYMARK, I.Ye.

Effect of hydrothermal treatment of the silicic acid hydrogel  
on the structure and properties of xerogel. Koll. zhur. 27  
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I. Institut fizicheskoy khimii AN UkrSSR imeni Pisarzhevskogo,  
Kiyev.

DZHAMBAS<sup>CH</sup>IHVILI, Ya. S.:

Dzhambashvili, Ya. S.: "Results of studying the Japanese camellia scale insect (*Pseudaconidia paeoniae* Ckll.) and the development of complex measures to combat it." Published by the Georgian Agricultural Inst. All-Union Sci Res Inst of Tea and Subtropical Plants. Tbilisi, 1956 DISSERTATION FOR THE DEGREE OF CANDIDATE IN AGRICULTURAL SCIENCE.

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No. 18 1956, Moscow

DZHAMBАЗИШВИЛИ, Ya.S.

Study of bark beetles (Ipidae) occurring in Tsageri District.  
Soob. AN Gruz. SSR 27 no.6:751-757 D '61. (MIRA 15:2)

1. AN Gruzinskoy SSR. Gosudarstvennyy muzey Gruzii im.  
akademika S.N.Zhanashia, Predstavлено chlenom-korrespondentom  
AN Gruzinskoy SSR I.P.Kalandadze.  
(: Sageri District--Bark beetles)

DZHAMBAZISHVILI, Ya.S.

Bark beetles from the high mountains of Adzhari. • e.M. —  
Zool. zhur. 40 no.8:1253-1254 Ag '61. (MIRA 14:8)

1. Zoological Department of the State Museum of Georgia  
(Tbilisi).  
(Khulo District--Bark beetles)

Bulgaria/Diseases of Farm Animals. Pathology of Reproduction

R-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31130

Author : Dzhambazov G.

Inst : Ministry of Agriculture and Forestry

Title : Study of the Causes of Infertility of Cows in the Plovdiv  
District

Orig Pub : Nauchn. tr. M-vo zemed. i gorite. Ser. zhivotnov"dstvo i  
vet. delo, 1957, 2, No 1, 35-40

Abstract : No abstract

Card : 1/1

24

DEHAMBUSHVILLE, Ya.S.

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Lab. AN Grues SER 40 No. 31162-186 U 165. (MINA 18:12)

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278-280 '64.

MALINOVSKI, I.; TODOROVA, M.; DZHAMBZOVA, M.

Distribution of latent image in the grains of emulsion  
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New paleolithic deposits along the valley of the Vit River. Pris i  
znanie 13 no.2:15-17 F '60. (EEAI 9:11)

1. BAN  
(Stone Age) (Bulgaria--Antiquities)

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"Time Sheet System Used for the Work of Tractor Brigades." p.12 (MASHINIZRAN  
ZEMEDELIE, Vol. 4, no. 1/2, 1953, Sofiya.)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,  
March 1954, Uncl.

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Making the woolen knitted cloths with small elasticity for outer  
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DZHAMBAZYAN, M.P.

An outbreak of food poisoning with an unusual transmission factor.  
Zhur. mikrobiol. epid. i immun., 29 no.11:73-75 N '58. (MIRA 12:1)

1. Iz kafedry epidemiolii Yerevanskogo meditsinskogo instituta.  
(FOOD POISONING, etiology and pathogenesis,  
berries (Rus))

DZHAMBO, M.; KLIMENKO, V.; SIDORCHENKO, B.; SOLOMASHCHENKO, A.;  
FAYBISOVICH, A.

Public inspectors represent a great power. Avt. transp. 37  
no. 5:49 My '59. (MIEA 12:8)

1. Rukovoditeli avtokhozyaystva Kiyevskogo gorodskogo avtoupravleniya,  
Kiyevskogo sovnarkhoza i "Glavkiyevstroya."  
(Automobiles--Inspection)

DZHAMBOV, G.

DZHAMBOV, G.

"Petroleum as a source of raw material for the chemical industry",  
P. 45., (TESHKA POMISHLENOST, Vol. 3, No. 5, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4,  
No. 6, June 1955, Uncl.

DZHAMBOV, G., inzh.

Role of the Russian and Soviet scientists in founding and developing  
petroleum chemistry and technology. Tekhnika Bulg 3 no.3:  
18-20 Mr '54.

DZHAMBov, GOSHO

BULGARIA/Chemical Technology - Chemical Products and Their I-13  
Application. Treatment of natural gases and petroleum.  
Motor fuels. Lubricants.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12913

Author : Dzhambov Gosho  
Title : Production-Technological Evaluation of Petroleum.

Orig Pub : Proizvodstvenno-tehnologicheska otsenka na nefta.  
Tehnika promishlenost, 1955, 4, No 6, 48-52 (Bulgarian)

Abstract : No abstract.

Card 1/1

- 232 -

Dzhambov, G.

BULGARIA / Chemical Technology, Chemical Products and Their  
Application, Part 3. - Treatment of Solid Com-  
bustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12435.

Author : G. Pankov, G. Dzhambov, Iv. Tsenkov.

Inst : Not given

Title : Chemical Treatment of Coals from "Maritsa-Iztok".

Orig Pub : Tezhka prom-st, 1957, 6, No 4, 12 - 16.

Abstract : The characteristics and properties of Bulgarian lignites  
from the "Maritsa-Iztok" deposits, the reserves of which  
amount to 2647 millions of tons, as well as the results of  
their laboratory and pilot plant treatment (gasification,  
semicoking) are presented. It is established that: a/ in  
consequence of high water (55 to 60%) and ash (up to 22%

BULGARIA / Chemical Technology, Chemical Products and Their Application. Part 3. - Treatment of Solid Combustible Minerals.

H-21

Abs Jour : Ref: Zhur. Khimiya, No 4, 1958, 12435.

Abstract : of dried substance is ashes), as well as of the thermal and mechanical instability of lignites, their semicoking is possible only after briquetting; b/ the semicoke tar can be utilized for paraffin production, but it must be hydrogenated destructively for motor fuel production; c/ the mostly promising method of chemical treatment of the above mentioned coals is their gasification with the production of gas for synthesis.

Card 2/2

DZHAMBOV, G.

H-21

BULGARIA / Chemical Technology, Chemical Products and Their Application. Part 3. - Treatment of Solid Combustible Minerals.

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12468.

Author : G. Pankov, G. Dzhambov, Tsv. Tsenkov.

Inst : Not given

Title : Semicoking of Bituminous Schists of Pirin Deposits.

Orig Pub : Tekhnika (Bulg.), 1957, 6, No 5, 16 - 19.

Abstract : Semicoking experiments were carried out with bituminous schists from the Pirin deposits in a pilot-plant tunnel oven, the balance of materials was prepared, and the evaluation of the quality of obtained products was made. It is shown that the produced semicoke (yield 84.7% of the weight of dry schists) contains 86.6% of ashes and 1.34%

BULGARIA / Chemical Technology, Chemical Products and Their  
Application. Part 3. - Treatment of Solid Com-  
bustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12468.

Abstract : of S; the tar (yield 6.62%) contains 17.8% of paraffine and comparatively little oxygen compounds, in consequence of which it is suitable to industrial treatment; the total yield of benzine, ligroin and gas amounted only to 1.3% of the weight of dry schists; the obtained light products of fractional distillation of tar are distinguished by a high content of S.

Card 2/2

DJAMBOV G.

BULGARIA / Chemical Technology, Chemical Products and their  
Applications. Treatment of Solid Fuels.

H-22

Abs Jour : Ref zhur - Khimiya, No 11, 1958, 37446

Author : Djambov G, Pankov G.

Inst : Not given

Title : Semi-Coking of Brown Coal from Dimitrov Coal Mining  
Region

Orig Pub : Minno Delo, 1957, 12, #4, 11-18

Abstract : Semi-commercial experiments on low temperature car-  
bonization of brown coal from "Dimitri Blagoev" mine,  
were conducted in a tunnel-type oven. The coking was  
followed by tar distillation. Material balance of the  
process and physico-chemical properties of the resulting  
products were compiled. The yield of light products

Card 1/2

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BULGARIA / Chemical Technology, Chemical Products and their  
Applications. Treatment of Solid Fuels.

H-22

Abs Jour : Ref Zhur - Khimiya, № 11, 1958, 37446

Abstract : (benzene, kerosene, lignin) comprises only 1.29% of  
coal's weight. Semi-coke is of low quality, has low  
mechanical properties and its dry weight ash content is  
28.4%.

Card 2/2

DZHABOV, G.; PANKOV, G.: TSENIKOV, TS.

Semicoking brown coal from the Black Sea mine. p. 205.

Sofia. Nauchnoizsledovatelski institut za tekhnologiski issledvaniia na gorivata. GODICHNIK. Sofiia, Bulgaria. Vol. 4, 1959

Monthly List of East European Acquisitions (EEAI), LC, Vol. 4, No. 12,  
December 1959  
Uncl.

DZHAWENOV, C.; TSENKOV, Ts.; PANNOV, G.

Semicoking lignite from the Gabra basin (Chukurovo) p. 233

Sofia. Nauchnoissledovatelski institut za tekhnolozhki issledvaniia na gorivata. GODICHNIK. Sofiia, Bulgaria. Vol. 4, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12,  
December 1959  
Uncl.

DZHABOV, G

"Technological scheme of the Petroleum Refining Plant."

TEZHA PROISHLEMOST, Sofiia, Bulgaria, Vol. 8, no. 3, Mar. 1959

*Ser. 4*  
Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, June 59,  
Uncclas

DZHAMBOV, Khristo

Philippopolis. Nauka i tekhn mладежь no.12:6-7 D '57.

1. Direktor na Arkheologicheskiia muzei, Plovdiv.

DZHABULATOV, M. M.

"Infusoria of the Rumen in Cattle and Changes in the Infusoria During Diseases of the Rumen." Cand Vet Sci, Leningrad Veterinary Inst, Leningrad, 1954. (RZHBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

Dzhambulatov, M.M.

USSR / Zooparasitology - Parasitic Protozoa

G-2

Abs Jour: Referat. Zh. Biol., No. 1, 1958, 824

Author : Dzhambulatov, M.M.

Title : The Effect of Some Medicinal Substances on Vital  
Resistance of Infusoria in Forestomachs of Large  
Horned Cattle.

Orig Pub: Tr. Dagestansk. s.-kh. in-ta, 1956, 8, 138-143

Abstract: The rumen contents were examined before use of preparations and 2, 4, 6, 24, and 48 hours after their use. The mobility of infusoria, their number per ml, their species composition and the pH of the medium were determined. Under influence of preparations which improve digestion (solutions of hydrochloric acid and fresh active horse intestinal juice) the fauna remain almost unchanged for 6 hours, after which period there is

Card 1/2

USSR / Zooparasitology - Parasitic Protozoa

G-2

Abs Jour: Referat. Zh. Biol., No. 1, 1958, 824

a slight increase in the number of infusoria. Formalin and turpentine show a negative effect both on the fauna and on the pH of rumen content; the movements of rumen become more frequent and stronger. Ruminating remedies (tincture of white hellebore and veratrine) cause no change in the rumen fauna, while the rhizome of white hellebore and tartar emetic aid in transferring infusoria from one pouch of the rumen into another. Laxative salts cause a decrease of infusoria and their mobility in the dorsal pouch of the rumen.

Card 2/2

Dzhamburiya, G.D.  
DZHAMBURIYA, G.D.; MELITAURI, K.N.; KHANTADZE, Sh.A.; SHOSHIASHVILI, N.F.;  
BARNAVELI, T.V. [translator]; BERIDZE, V.V., red.; BAKRADZE, D.S.,  
red.izd-va; DZHAPARIDZE, N.A., tekhn.red.

[Vardzia; guidebook] Vardzia; putevoditel'. Tbilisi, Izd-vo Akad.  
nauk Gruzinskoi SSR, 1957. 93 p. (MIRA 11:3)  
(Georgia--Description and travel--Guidebooks)  
(Kura Valley--Monasteries)

ZAIMOV, K.; IZHANDEHOYEV, TS.; PVRVANOVA, TS. [Parvanova, TS.];  
DABCHEV, F.

Seasonality of some phases of manic-depressive psychosis.  
(MIRA 18:2)  
Zhur. nevr. i psikh. # no.1:98-100 '65.

1. Kafedra psichiatrii (zaveduyushchiy - akademik G. Uzunov)  
Vysshego meditsinskogo instituta i Novodetskoy psichonevrolagicheskoy  
dispanser glavnnyy vrach I. Krester), Sofiya.

DZHAMEROV, M.D.

USSR/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63561

Author: Zelikman, I. F., Dzhamelov, M. D.

Institution: None

Title: Accelerated Filtration of Beer Wort

Original

Periodical: Dokl. AN UzSSR, 1955, No 11, 17-20; Uzbek résumé

Abstract: Laboratory experiments (under conditions approximating manufacturing) have shown that average filtration rate of beer wort over 40 minutes through a layer of settled sediment increases by 30% of raising the pressure from 0.07 to 0.34 atm, and by 80% on raising the pressure from 0.14 to 0.54 atm. A suitable redesigning of brewery filtration tank to permit filtration of wort under gradually increasing pressure will increase output of the tank; make it possible to increase comminution of malt in order to raise yield of extracted substances, lower moisture content of crushed material and decrease the amount of wash water.

Card 1/1

DZHAMGANBAYEV, A.S., inzh.; NAYDICH, I.M., kand.tekhn.nauk, dotsent

Effect of temperature and reaction time on the isothermal decom-  
position of Kara Kichinsk lignite. Trudy Frunz. politekh. inst.  
no. 6:41-46 '62. (MIRA 17:9)

Dzhamgarov, B.M.

AUTHOR: Dzhamgarov, B.M.

99-58-3-5/12

TITLE: Soil Tamping Machine Mounted on the E-505  
Excavator (Gruntoplotsnyayushchaya mashina na baze ekskavatora  
E - 505 )

PERIODICAL: Gidrotehnika i Melioratsiya, # 3, pp 26-29(USSH)

ABSTRACT: To reduce filtration losses in canals and reservoirs a  
special ramming-block, TP-E-505, was built by the Kovrovskiy  
ekskavatornyy zavod (Kovrov Excavator Plant). This block can  
be used as an interchangeable attachment on the excavator  
"E-505". The author gives detailed description of this device.  
There are 3 figures and 1 photo.

AVAILABLE: Library of Congress

Card 1/1

DZHAMAROV, T., kand. pedagog. nauk, polkovnik; VEYDNER-DUBROVIN, L.,  
polkovnik

Change the systems of testing and evaluation in gymnastics.  
Voen. vest. 39 no.7:57-59 J1 '59. (MIRA 12:10)  
(Physical education and training; Military)

L 11378-67 EWT(1) SCTB DD/OD

ACC NR: AT6036502

SOURCE CODE: UR/0000/66/000/000/0070/0071

AUTHOR: Bondarev, Z. V.; Gurvich, G. I.; Dzhamgarov, T. T.; Yegorov, V. A. 20  
Marishchuk, V. L.; Rassvetayev, V. V.; Shkurdoda, V. A.

ORG: none

TITLE: Problem of the functional interaction of analyzers (visual, auditory, and tactile) in flight crews during long flights

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy...  
kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii,  
Moscow, 1966, 70-71

TOPIC TAGS: visual analyzer, auditory analyzer, proprioception, human physiology,  
space physiology

## ABSTRACT:

The input capacities of visual, auditory, and tactile analyzers were investigated in 24 crew members during nine long flights. Tests were conducted on a special apparatus which supplied light, sound and tactile stimuli in random order, to which the subject responded by pressing the appropriate button as quickly as possible. The following indices of analyzer function were used: time of a simple motor re-

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ACC NR: AT6036502

action, time of a reaction with choice, number of errors, amount of information processed, input (or traffic) capacity, and time required for processing one unit of information. It was found that the input capacity of the visual analyzer increased gradually in the first 9 hrs of flight, and then decreased by the 15th hr. However, the input capacity of the auditory analyzer decreased regularly during the entire flight. The input capacity of the tactile analyzer increased (with some variations) until the 12th hr, and then decreased to initial levels.

The gradual increase in input capacities observed in visual and tactile analyzers in the first 9-12 hrs of flight is probably due to adaptation of the organism to new conditions, with increased analyzer lability. The subsequent decrease in input capacity is caused by fatigue, first noticed in crew commanders. The high noise level in the aircraft contributed strongly to the decrease in auditory analyzer input capacity. Characteristically, the greatest shifts in auditory function were observed in commanders and radio operators, who are responsible for external and internal radiocommunications. The visual analyzer is kept in a continual state of stress by the necessity for constant monitoring of many instruments. In the auditory analyzer inhibitory processes are developed in the cortex due to

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ACC NR: AT6036502

negative induction. The tactile analyzer showed signs of fatigue later than the other two, which suggests expanded use of this analyzer to process necessary information during long flights. (W.A. No. 22; ATD Report 66-116)

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3 egk

ARKHIPOVA, L.I.; BARABANSHCHIKOV, V.V.; BAKHVALOVA, Z.M.;  
BOROVINSKAYA, M.A. GOLOVCHINER, I.Ye.; DZHAMGAROVA, P.G.;  
YEVDOKIMOV, S.V.; KABANOV, M.M.; KNYAZEVA, T.D.; KOBOZEVA,  
N.V.; KOLEGOV, N.I.; LOPOTKO, I.A.; NEGUREY, A.P.;  
POLYAKOVA, Z.P.; ROMM, S.Z.; SVETLICHNYY, V.A.; STRAKUN,  
I.M. TYAGUN, V.N.; FREYDLIN, S.Ya., prof.

[Dispensary service for the urban population] Dispanseriza-  
tsiya gorodskogo naseleniya. Leningrad, Meditsina. 1964.  
349 p.  
(MIRA 17:8)